XEROX®

Technology | Document Management | Consulting Services

Xerox iGen3® 110
Digital Production Press with
SmartSize™ Technology

Specifications

Xerox iGen3® 110 Digital Production Press

Breakthrough Technology Available Today

Today's customers demand high-quality, short-run, full-color printing, delivered quickly and at reasonable prices. The Xerox iGen3 110 Digital Production Press meets these demands productively and profitably, enabling cost-effective short runs of full-color books, personalized marketing brochures, financial statements, and more.

Digital Opportunities with *The New Business of Printing*™

iGen3 revolutionizes digital production printing with automatic make-ready and collation, on-press proofing; acceptance of a wide array of stocks; the ability to mix stocks within a run, inline or offline finishing, and built-in intelligence to maintain color fidelity and registration. iGen3 is the intersection of offset quality and the digital workflow, providing a complement to a traditional printing that gives you the best of both worlds.

Reduce Operating Costs Now

With iGen3, jobs can be printed on demand and just in time—exactly what is needed, where, and when it is needed—keeping information current and eliminating unnecessary costs, such as warehouse storage, tax on inventory, and the cost of disposal when inventory becomes obsolete.

Job Versatility with Excellent Quality

Print on-demand books, catalogs, brochures, direct mail, inserts, point-of-purchase materials, sell sheets, statements and financial reports, and flyers with brilliant graphic arts quality.

Variable Information Printing Provides Value

Customize, personalize, and add more value to every page. Use customer data captured from CRM databases, Web sites, and call centers to drive variable text, images, and graphics in marketing communications and personalized transactional materials, enabling high-value customer marketing programs and increasing customer loyalty and response rates.

The Green Machine

The iGen3 was developed with both the environment and customers in mind with an eco-friendly and innovative architecture. Up to 97% of its components are recyclable or remanufacturable, and it has been engineered to meet Xerox's strict noise, emissions, and safety standards.

SmartPress Technology at Work™

SmartPress™ Technology is the intelligence and engineering built into iGen3 that delivers new levels of productivity and quality, enabling fast-turnaround, and on-demand printing at unprecedented speed and economics. SmartPress Imaging provides consistent, accurate color, and precise registration—at speeds never before possible. SmartPress Paper Handling enables productivity, reliability, and higher yields of saleable sheets. SmartPress Sentry means maximum uptime and trouble-free operation. SmartSize™ Imaging provides maximum throughput automatically, depending on paper size, ranging from 120 ipm for 7" x 7" (178 x 178 mm) to 40 ipm for 14.33" x 20.5" (364 x 521 mm).

For more information on the Xerox iGen3 110 Digital Production Press, call 1-800 ASK XEROX ext. 874 or visit us on the Web at: www.xerox.com.

Xerox iGen3 110 Digital Production Press

Printing Speed

- Up to 6,600 full process color A4 (letter) 4/0 impressions per hour (110 impressions per minute)
- 1,500 A3 (tabloid) 4/4 sheets per hour

Image Quality

Resolution
- 600 x 4800 dpi

Line screens
- 150 lpi, 175 lpi, 200 lpi, stochastic
- All utilizing 256 gray levels

Process colors
- Magenta, Yellow, Cyan, Black

Paper Format

- Maximum sheet size: 14.33" x 20.5" (364 x 521 mm); 14.33" x 22.5" (364 x 571 mm) (optional)
- Minimum sheet size: 7" x 7" (178 x 178 mm)

Image Format

- Maximum image area is 2 mm less than sheet size (1 mm border on all sides). Default image area is 3 mm less on all sides.

Paper Weight

- **Uncoated:** 16 lb bond to 130 lb cover, 60 g/m² to 350 g/m²
- **Coated:** 60 lb text to 130 lb cover, 90 g/m² to 350 g/m²

Paper Flexibility

- Coated (gloss, matte, dull, silk), uncoated, textured, specialty stocks
- Recycled, perforated, tabs, transparencies, a wide variety of labels, synthetics, DocuCard®, Never Tear, DuraPaper™
- Mixed-stock jobs supported at rated speed
- No drying time before coating
- Transfer overdrive for highly textured stock (optional)

Technology Features

SmartPress™ Imaging
- Third-generation technology
- Single-point transfer printing
- Closed-loop controls
- Benchmark gamut of CMYK dry inks
- Replace dry inks while running

SmartPress™ Paper Handling
- Mixed stocks in a single run
- Same-edge perfecting registration
- Straight paper path
- Wide-radius inverter for second-side imaging
- Collated sets
- Wheeled stacker cart
- Load-while-run capability

SmartPress™ Sentry
- Built-in intelligence
- Automatically adjusts to paper characteristics
- Monitors every print
- Provides online diagnostics and remote support

Input Capacity

- Up to six feeder modules
- Up to twelve trays
- Each tray holds 10"/254 mm (2,500 sheets 80 lb coated text/120 g/m²)
- Any supported stock in any tray

Delivery

- Up to four stackers
- Two carts per stacker
- Stacker cart holds 12"/305 mm (3,000 sheets 80 lb coated text/120 g/m²)
- Stacker top tray for sample sheets and proofs
- Collated offset stack delivery

Environmental Control Unit

- Built-in air conditioning unit
- Maintains system interior at optimum temperature and humidity
- Controlled by closed-loop control system
- Recycles air to eliminate emissions
- Conserves energy and reduces electrical costs

Optional

Roll Input
- DocuSheeter™ iG provides up to 50,000 additional sheets per roll (based on 8.5" x 11"/A4; 20 lb bond/75 g/m²)
- Delivered directly into the paper path
- Sheets per roll varies based on core size, cut size, and paper type (coated/uncoated, caliper weight, etc.)

Inserter
- One inserter module, two trays
- Enables the addition of material to a job after the fusing process
- Good for coated covers and specialty substrates

Inline Finishing
- Booklet making with Xerox SquareFold™ Booklet Maker or C. P. Bourg Document Finisher (BDFx) with Square Edge Option (SQE)
- Perfect binding with Xerox Manual+Book Factory
- Lay flats with GBC® Fusion Punch II™

Feeders and Stackers
- Up to six feeders
- Up to four stackers

Size

Overall standard press configuration dimensions iGen3 110 (image tower, two feeders, one stacker)
- 23' 8" x 6' x 8' (L x W x H) 7210 x 1829 x 2438 mm (L x W x H)

Weight
- 7,892 lb (3580 kg)

Xerox DocuSP® Controller

- Sun Fire™ hardware/software platform
- DocuSP®/DocuTech® workflow
- Ethernet support
- Adobe® PostScript®, PDF 1.5, PCL5, TIFF, FRF, Adobe® Acrobat® 6
- Color-management features
- Job and production management GUI
- Concurrent receive, RIP, print
- Parallel RIP (scalable up to 16 CPUs)
- AFP/IPDS
- VIPP®, Personalized Print Markup Language (PPML), caching support for variable data printing

Creo® Spire™ Color Server

- Intel®/Microsoft®-based platform
- Creo® Spire™ workflow
- Ethernet support
- Adobe® PostScript®, PDF 1.5, PDFX3, TIFF, TIFF.IT, EPS, RTP, Adobe® Acrobat® 6
- Color-management features
- Job management GUI
- Concurrent receive, RIP, print
- VPS, VIPP®, PPML, caching support for variable data printing

EFI® Fiery® Color Server

- Intel®/Microsoft®-based platform
- Fiery® workflow
- Ethernet support
- Adobe® PostScript®, PDF, Adobe® Acrobat® 6, TIFF v6, EPS, DCS
- ColorWise® toolset
- DocuColor® emulations
- Command WorkStation™ support
- DocBuilder Pro™ impositioning
- Variable data printing with Fiery® FreeForm™
- Graphic Arts Package™

Xerox FreeFlow™
Digital Workflow Collection

Xerox FreeFlow™ is a roadmap to success in digital printing, built on open architectures and standards that allow integration into your existing workflow. We bring together the industry's most comprehensive collection of Xerox and partner workflow solutions, beginning with our RIP choices, delivering more flexibility and value to you.

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